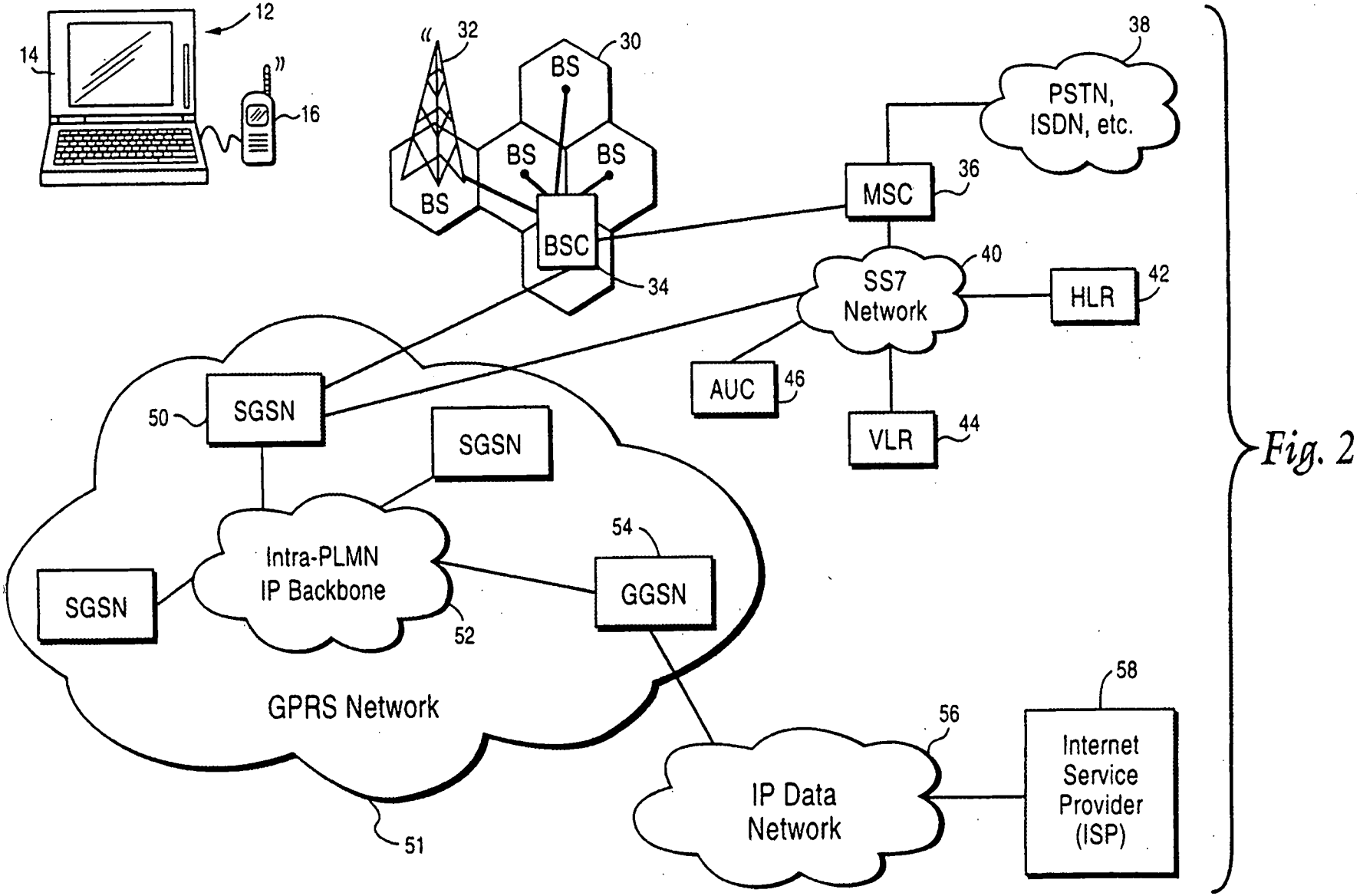

12
14
16
32
30
BS
BS
BS
BS
BSC
34
38
PSTN,
ISDN, etc.
MSC
36
SS7
Network
40
HLR
42
AUC
46
VLR
44
50
SGSN
SGSN
SGSN
Intra-PLMN
IP Backbone
52
54
GGSN
GPRS Network
51
IP Data
Network
56
58
Internet
Service
Provider
(ISP)

Fig. 2

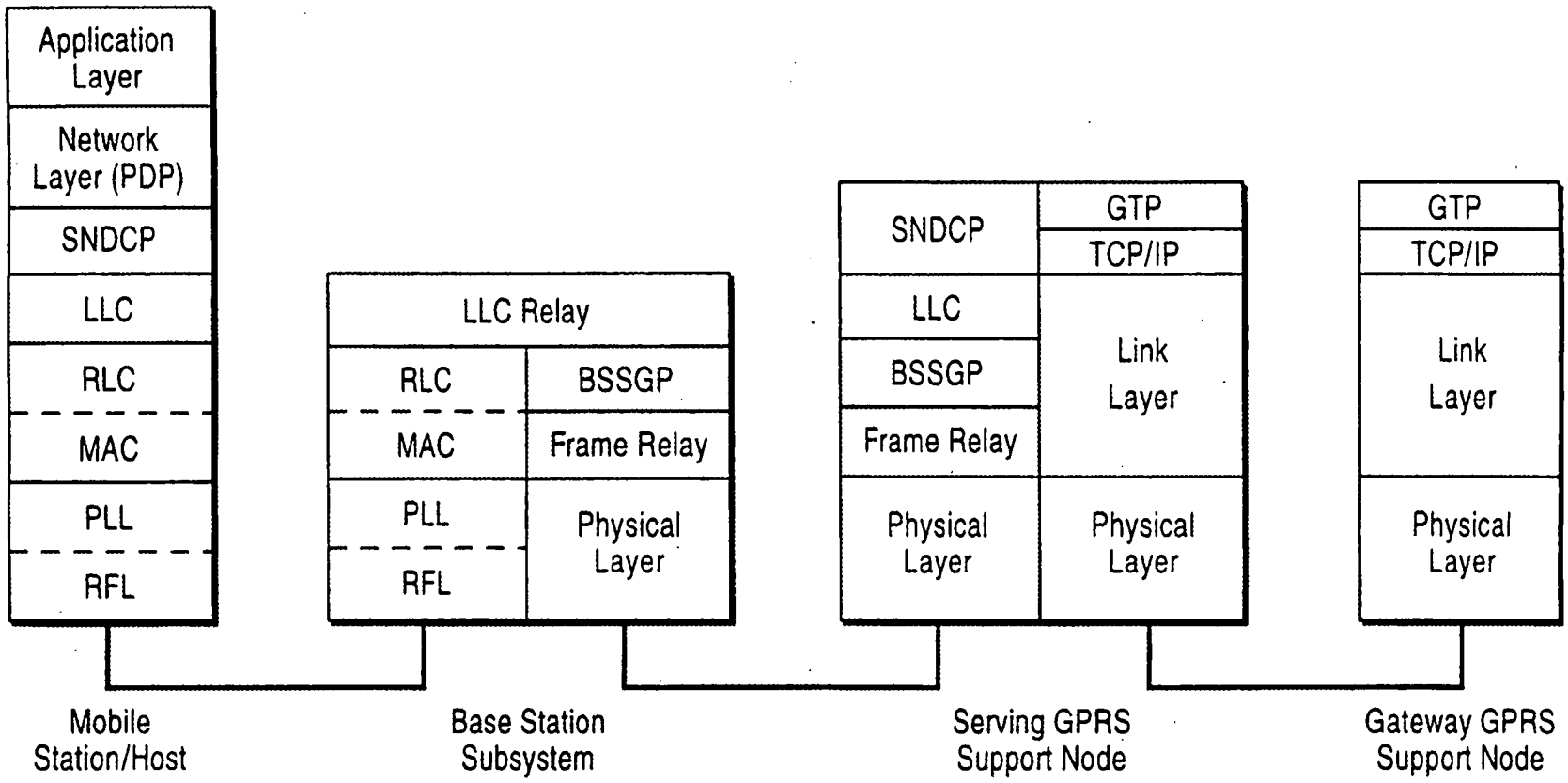
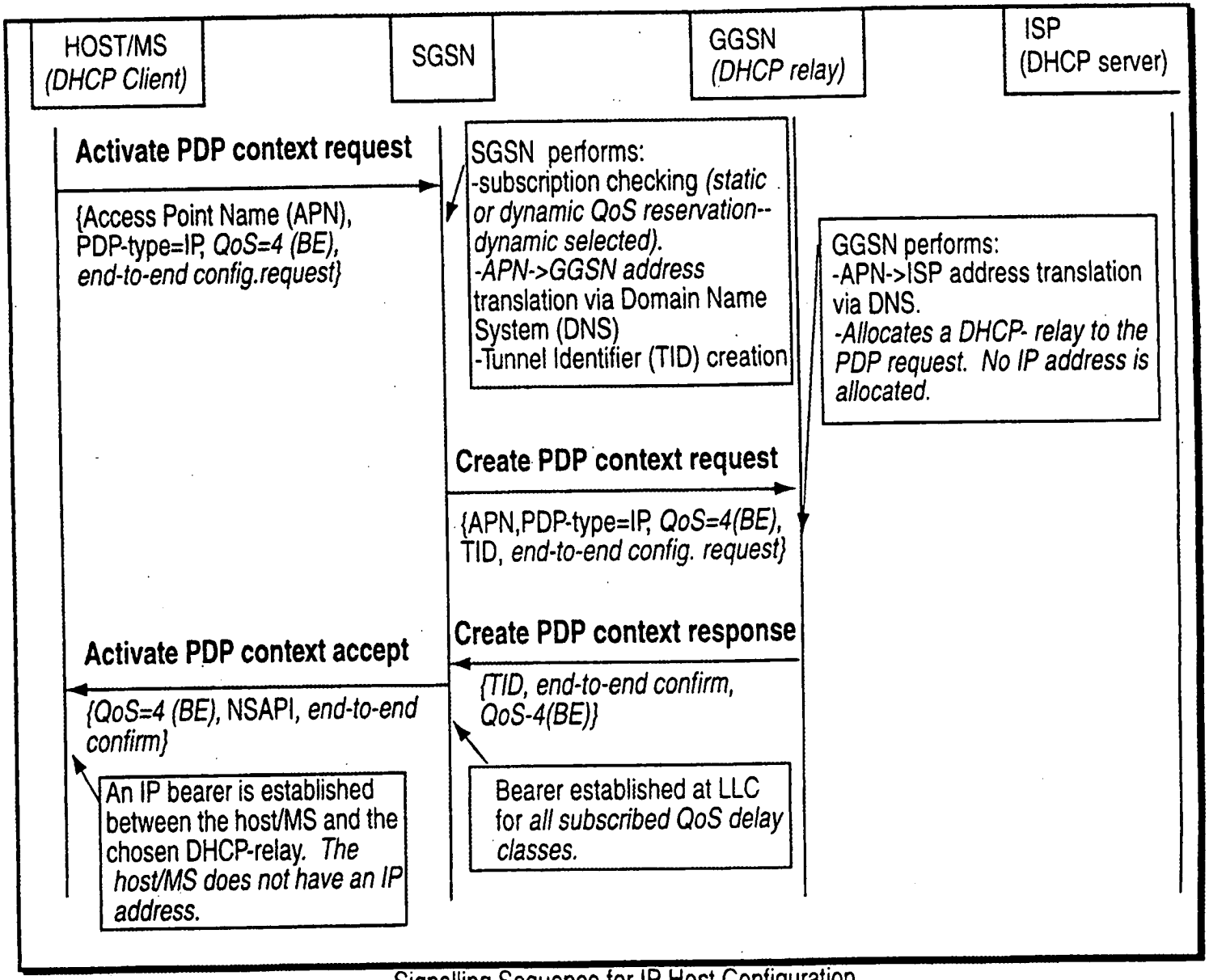

Application Layer
Network Layer (PDP)
SNDCP
LLC
RLC
MAC
PLL
RFL
LLC Relay
RLC
BSSGP
MAC
Frame Relay
PLL
RFL
Physical Layer
SNDCP
GTP
TCP/IP
LLC
BSSGP
Frame Relay
Link Layer
Physical Layer
Physical Layer
GTP
TCP/IP
Link Layer
Physical Layer
Mobile Station/Host
Base Station Subsystem
Serving GPRS Support Node
Gateway GPRS Support Node

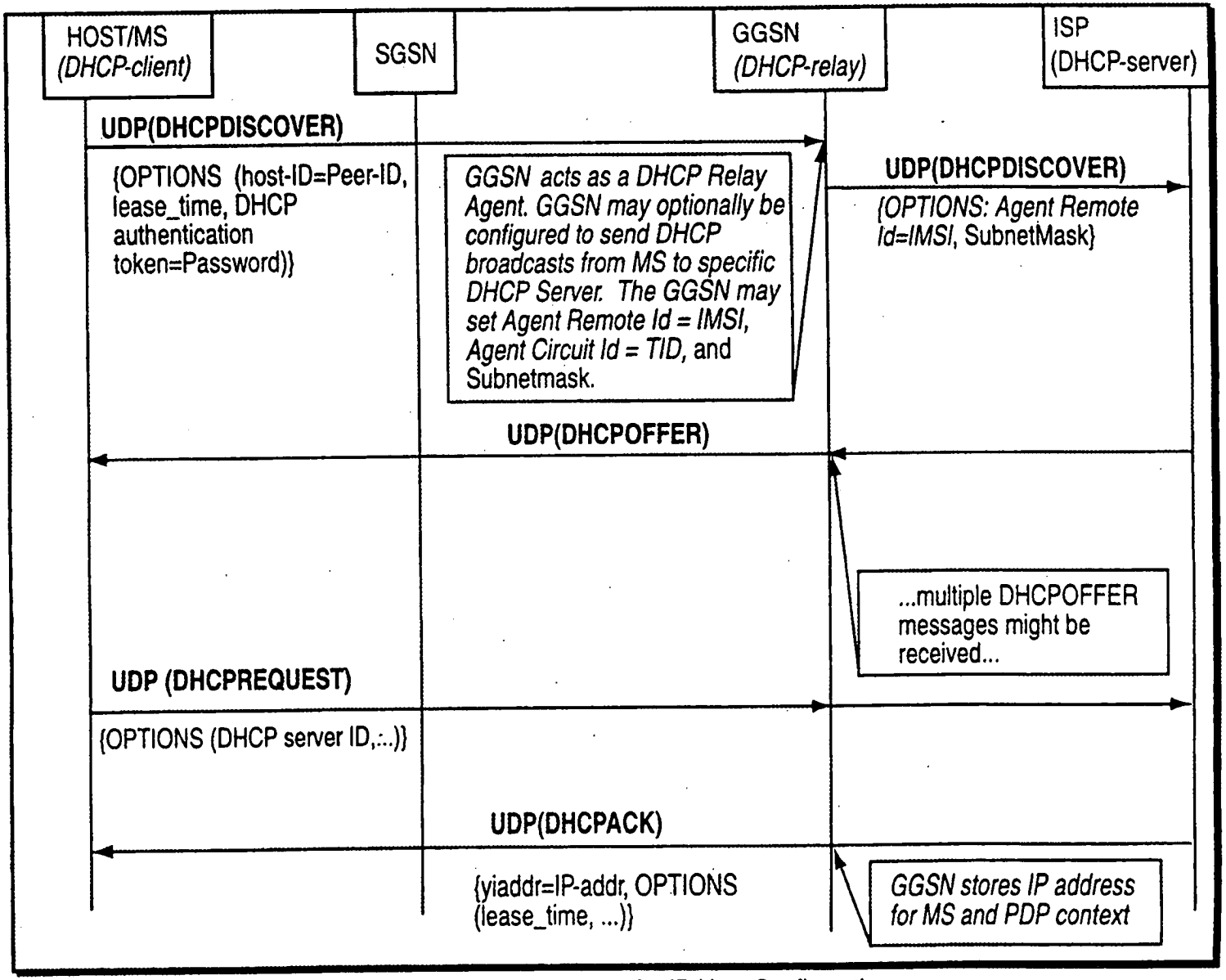
Fig. 3

Fig. 6



Signalling Sequence for IP Host Configuration.

Fig. 7



Signalling Sequence for IP Host Configuration.

From Fig. 10A

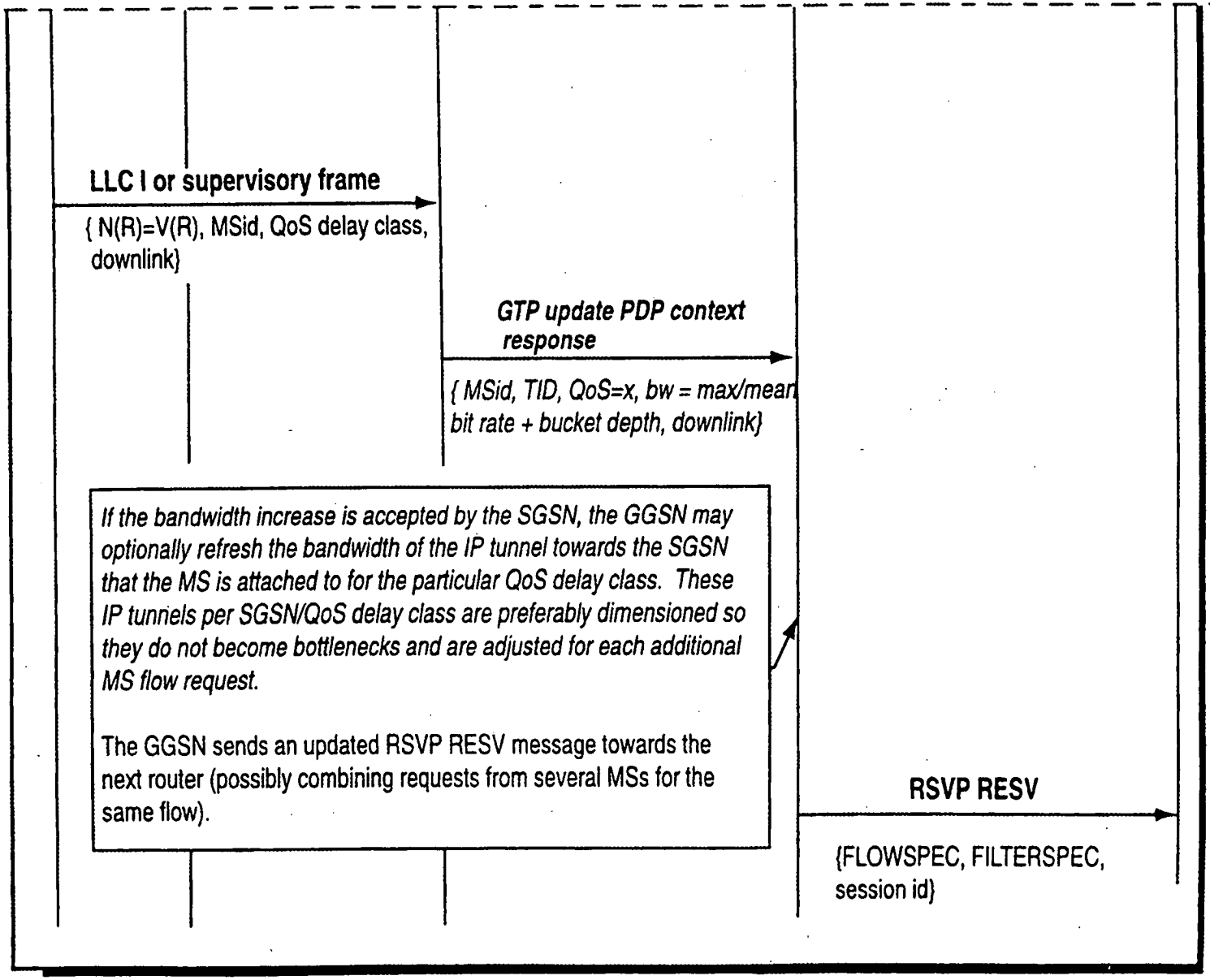



Fig. 10B